

FIXED PITCH SEPARATING DEVICE OF ELEMENT

Patent Number: JP3205215
Publication date: 1991-09-06
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Requested Patent: ☐ JP3205215
Application Number: JP19890340799 19891229
Priority Number(s):
IPC Classification: B65G47/91; B23P19/00; B23Q7/04; B65G47/08; B65G47/78; H01L21/52; H01L21/68; H05K13/02
EC Classification:
Equivalents:

Abstract

PURPOSE: To separate elements at a high speed in a fixed pitch separating device of the elements which are provided by a feeder, by holding elements to be fed by a holding means, simultaneously sucking them with vacuum adsorbing pincettes arranged at prescribed pitches and preventing rising of elements other than the sucked ones.

CONSTITUTION: A prescribed amount of elements 1 which are continuously provided from a part feeder 2 are held in a groove 4 of a holding means 3. When the holding means 3 is filled fully, a separating means 5 lowers to vacuum-suck the elements 1 with pincettes 7 arranged at prescribed intervals. At this time, the elements 1 which are not sucked by a rise preventing means 11 are pressed to be stopped inside the groove 4. Next, the separating means 5 is raised to be transferred to an inspecting part 9. It is thus possible to separate the elements at a high speed.

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PATENT ABSTRACTS OF JAPAN

(11)Publication number : 03-205215
 (43)Date of publication of application : 06.09.1991

(51)Int. CI. B65G 47/91
 B23P 19/00
 B23Q 7/04
 B65G 47/08
 B65G 47/78
 H01L 21/52
 H01L 21/68
 H05K 13/02

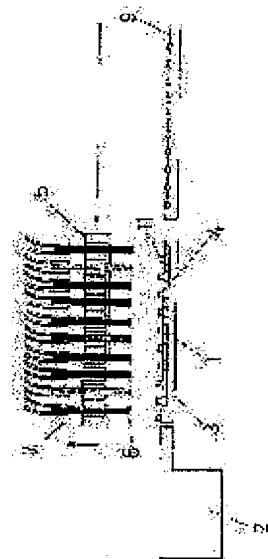
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[Date of request for examination]
 [Date of sending the examiner's decision of rejection]
 [Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]
 [Date of final disposal of application]